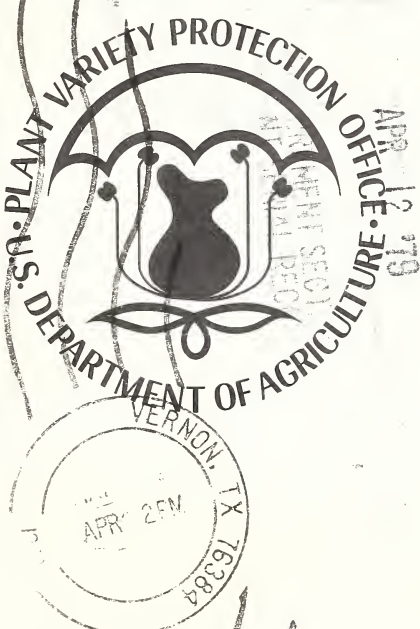


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Official Journal of
the Plant Variety
Protection Office



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U.S. Department of Agriculture
Agricultural Marketing Service

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PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal and to provide the public with pertinent information relating to the operations of the Plant Variety Protection Office.

The statute also authorizes the Secretary to disseminate technological and other information available to the Office that would encourage innovation and promote progress in plant breeding.

The Official Journal, which is published quarterly, includes instructions issued by the Office and related information. It will be sent free to anyone on request. Send requests to:

Plant Variety Protection Office
Livestock, Poultry, Grain & Seed Division, AMS
U.S. Department of Agriculture
Room 204, National Agricultural Library Bldg.
Beltsville, Maryland 20705

This issue covers the period from October 1, 1978, through December 31, 1978.

APPLICATIONS RECEIVED

KIND	APPL. NO.	APPL. DATE	VARIETY	NAME OF APPLICANT
ALPALPA	* 7900023	781206	MAGNUM	DAIRYLAND SEED CO., INC.
BENTGRASS, CREEPING *	7900009	781016	PENNEAGLE	PENNSYLVANIA AGRIC. EXPT. STA. (1)
BLUEGRASS, KENTUCKY	7900012	781113	BANFF	PICKSEED WEST, INC.
CHRYSANTHEMUM	7900026	781212	E 8208	FERRY-MORSE SEED CO.
	7900027	781212	E 8209	FERRY-MORSE SEED CO.
	7900028	781212	E 8211	FERRY-MORSE SEED CO.
	7900029	781212	E 8213	FERRY-MORSE SEED CO.
COTTON	7900006	781011	DUNN 219	PERMISSION TO PUBLISH NOT RECEIVED
	7900015	781122	DAWSON V-14	DAWSON COUNTY SEED CO.
	7900024	781218	STONEVILLE 825	STONEVILLE PEDIGREED SEED CO.
	7900030	781218	ROGERS LG-10	ROGERS DELINTED COTTONSEED CO.
PESTULOLIUM	7900001	781002	FELOPA	ZELDER B. V., NETH.
	7900002	781002	THEOPHANO	ZELDER B. V., NETH.
LETTUCE	7900016	781122	XP 480	ASGROW SEED CO.
	7900017	781122	XP 505	ASGROW SEED CO.
OAT	* 7900003	781003	COKEZ 716	COKEZ'S PEDIGREED SEED CO. (3)
PEA, GARDEN	7900011	781106	LANCE	CRATES-MOSCOW GROWERS, INC.
SOYBEAN	7900007	781016	RA-480	PERMISSION TO PUBLISH NOT RECEIVED
	7900008	781016	RA-604	PERMISSION TO PUBLISH NOT RECEIVED
	7900010	781031	AP 10	NORTH AMERICAN PLANT BREEDERS
	7900013	781116	RS2300	NORTH AMERICAN PLANT BREEDERS
	7900014	781101	AP 40	NORTH AMERICAN PLANT BREEDERS
	7900018	781127	CO-OP 500	NORTH AMERICAN PLANT BREEDERS
	7900019	781127	GT 1200	NORTH AMERICAN PLANT BREEDERS
	7900020	781127	GT 1250	PERMISSION TO PUBLISH NOT RECEIVED
	7900021	781127	GT 1310	PERMISSION TO PUBLISH NOT RECEIVED
	7900025	781221	VICTOR	J. M. SCHULTZ SEED CO.
	7900037	781228	XP 2858	ASGROW SEED CO.
SUNFLOWER	7900022	781206	GSP-1	GUIDO STAGI FARMS
VETCH, COMMON	7900031	781227	CAHABA WHITE	AUBURN UNIV. AGRIC. EXPT. STA.
	7900032	781227	VANTAGE	AUBURN UNIV. AGRIC. EXPT. STA.
	7900033	781227	NOVA II	AUBURN UNIV. AGRIC. EXPT. STA.
	7900034	781227	VANGUARD	AUBURN UNIV. AGRIC. EXPT. STA.

** To be sold by variety name only as a class of certified seed.
 () No. of generations of certified seed permitted beyond breeder's seed.

WESTERN PLANT BREEDERS 3
WESTERN PLANT BREEDERS 3

781004 WESTBRED AIM
781004 WESTBRED 1000D

* 7900005
* 7900004

WHEAT, COMMON
WHEAT, DURUM

AMENDED APPLICATIONS

Application No.	Date	Name of Applicant	Name of Kind	Name of Variety
7700112	Sept. 23, 1977	Curran L. Garrett	St. Augustinegrass	Christi
7800094	Aug. 02, 1978	Asgrow Seed Company	Pea	Dante
7800097	Aug. 08, 1978	Delta and Pine Land Company	Cotton	Deltapine 70
**7800105	Aug. 30, 1978	South Dakota Agric. Expt. Sta.	Wheat, Common	Eureka (3)

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM

<u>Certificate No.</u>	<u>Issue Date</u>	<u>Owner</u>	<u>Name of Kind</u>	<u>Name of Variety</u>
**7700024	Dec. 21, 1978	Coker's Pedigreed Seed Company	Cotton	Coker 304 (3)
'Coker 304' most closely resembles 'Coker 310' except 'Coker 304' has a 1.2 higher lint percentage (40.1 vs 38.9).				
7800033	Dec. 21, 1978	Joseph Harris Company, Inc.	Radish	Fancy Red
'Fancy Red' most closely resembles 'Red Prince'; however, 'Fancy Red' is resistant to black root and root scurf; whereas, 'Red Prince' is susceptible to both diseases.				
7800064	Dec. 21, 1978	Asgrow Seed Company	Onion	Excel G
'Excel G' most closely resembles 'Excel'; however, 'Excel G' has heavier bulbs (127 g vs 80 g) and a greater height/diameter bulb index (.62 vs .58) than 'Excel'.				
**7800076	Dec. 21, 1978	Alexandria Seed Company, Inc.	Rice	Bellevue (1)
'Bellevue' most closely resembles 'Starbonnet' and 'Bonnet 73'. The flag leaves are horizontal on 'Bellevue' but are ascending on 'Starbonnet' and 'Bonnet 73'. 'Bellevue' has colorless stigmas and 'Bonnet 73' has purple stigmas.				
7800089	Dec. 21, 1978	Ferry-Morse Seed Company	Lettuce	Calsweet
'Calsweet' most closely resembles 'Calmar'; however, when field grown, 'Calsweet' has a head depth of 11.6 cm, a core diameter of 25.7 mm and the petiole base of the top head leaf is 25.7 mm, whereas, 'Calmar' has a head depth of 14.3 cm, a core diameter of 35.6 mm and the petiole base of the top head leaf is 36.0 mm.				

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<u>Certificate No.</u>	<u>Issue Date</u>	<u>Owner</u>	<u>Name of Kind</u>	<u>Name of Variety</u>
**7800090	Dec. 21, 1978	University Patents, Inc.	Watermelon	Vic's Valentine
'Vic's Valentine' most closely resembles 'Peacock'; however, 'Vic's Valentine' produces male sterile glabrous plants and 'Peacock' does not.				
7800094	Dec. 21, 1978	Asgrow Seed Company	Pea	Dante
'Dante' most closely resembles 'Puget'; however, 'Dante' is resistant to Fusarium wilt race 5, whereas, 'Puget' is susceptible.				
**7800101	Dec. 21, 1978	Northrup King Company	Soybean	S4055 (3)
'S4055' is most similar to 'Bonus'; however, 'S4055' is susceptible to Phytophthora Race 1 root rot, whereas, 'Bonus' is resistant to Phytophthora Race 1 root rot.				
76TQ009	Dec. 28, 1978	Sluis & Groot of America, Inc.	Pak-choi	Lei-choi
'Lei-choi' is a white petioled, dark green leaf type Pak-choi. It is distinct from other varieties of this type in that 'Lei-choi' bolts about 14 days later in the winter and spring and 10 days later in the summer and fall.				
**7800004	Dec. 28, 1978	Douglass W. King, Co.	Wheat	DK-49S (3)
'DK-49S' most closely resembles 'Cajeme 71', but 'DK-49S' has shorter spikes (73.7 vs 77.0 mm), shorter awns (53.3 vs 59.7 mm), shorter beaks (11.8 vs 14.4 mm), and longer second internodes (13.52 vs 11.68 cm) than 'Cajeme 71'.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM

<u>Certificate No.</u>	<u>Issue Date</u>	<u>Owner</u>	<u>Name of Kind</u>	<u>Name of Variety</u>
7800058	Dec. 28, 1978	Rogers Brothers Seed Company	Bean	Lancer

'Lancer' is most similar to 'Slenderette' except that the pod color for 'Lancer' has a darker hue than 'Slenderette' (144A vs 143C Royal Horticultural Society Color Chart), 'Lancer' has longer pods than 'Slenderette' (13.79 cm vs 12.59 cm), 'Lancer' has a larger center trifoliate leaflet than 'Slenderette' (11.93 cm vs 10.10 cm) and 'Lancer' has a slightly smaller sieve size.

**7900003 Dec. 28, 1978 Coker's Pedigreed Seed Company Oat Coker 716 (3)

'Coker 716' most closely resembles 'Coker 66-22', but 'Coker 716' has ciliate lower leaf margins; whereas, the margins of 'Coker 66-22' are glabrous.

**7700063 Dec. 28, 1978 Zwaan & de Wiljes' Kentucky Welcome (3)
Bluegrass

'Welcome' belongs to the group of broad-leaved, late heading varieties, 'Baron', 'Entopper', 'Golf', 'Monopoly', 'Mosa', 'Pion', and 'Sydsport'. 'Welcome' differs from each variety except 'Monopoly' by having hairless ligules vs haired ligules. 'Monopoly' shows a much longer culm than 'Welcome' (85 vs 55 cm).

AMENDED CERTIFICATES

<u>Certificate No.</u>	<u>Issue Date</u>	<u>Owner</u>	<u>Name of Kind</u>	<u>Name of Variety</u>
**7700036	Aug. 24, 1977	Soybean Research Foundation, Inc.	Soybean	Gutwein 180

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